Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 18 Mar 2021 until 23:59 on Friday 19 Mar 2021

Forecast Issued on Wednesday 17 Mar 2021 at 10:13

Confidence: High for generally settled pattern due to the ridge of high pressure extending from the west, but medium for any cloud cover detail, also for the extent of patchy rain and drizzle for Friday.

Headline for Thursday 18 Mar 2021: Mainly dry with occasional hazy sunshine.

Mountain weather hazards on Thursday 18 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Dull
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	10%	20%

Forecast for Thursday 18 Mar 2021

Weather: A dry day for most with plenty of higher cloud limiting the brightness to hazy spells of sunshine. Cloud thickening from the east during the evening, bringing the risk of some patchy rain or drizzle late evening, chiefly to eastern ranges.

Chance of cloud free mountain/hill tops above 600m: 90% by day.

Visibility: Good, becoming moderate or poor in later rain, drizzle and very poor in cloud, with base generally well above the summits, before lowering and thickening from the east late evening.

Forecast for Thursday 18 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 NW	7/12 NW	7/10 W	9/14 NW	12/17 N	12/17 N	10/16 N	14/20 N	15/22 N
300	3/11 NW	2/10 NW	2/9 NW	4/11 NW	7/15 N	8/16 N	5/14 N	8/18 N	12/25 N
Valley	2/5 N	1/5 N	1/4 NE	2/7 NW	4/12 NW	5/12 NW	3/10 NW	7/19 NE	6/16 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	3/0	3/1	5/2	7/3	8/5	7/4	5/1	4/-1
300	5/4	4/3	4/3	7/6	10/8	11/9	9/8	7/5	6/3
Valley	5/5	5/4	4/3	7/6	10/9	12/11	10/10	8/6	8/6
Freezing Level*	1700m	2000m	2000m	1800m	1800m	1800m	1700m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 17 Mar 2021	0mm	1.6mm	7.2mm

Forecast for Friday 19 Mar 2021

Weather: A rather cloudy day with patchy light rain or drizzle, though driest and briefly brighter conditions expected across western most ranges, chiefly late in the day.

Maximum wind: North or Northeast beginning mean 15-20 mph with gusts reaching 30mph across most exposed ridges and summits, easing light and variable from mid-morning.

Chance of cloud free mountain/hill tops above 600m: 20%

Visibility: Mostly moderate or poor, and in the hill fog very poor, with bases extensive from 450-650m across eastern and central ranges.

Temperature: **Valleys:** Plus 3 Celsius increasing 11 Celsius during the afternoon
At 600m: Plus 4 Celsius
Freezing level: Above all summits